PHILIPS

PHIL-B01453

MC 155 Personal CD Micro System

Instructions for use
Mode d'emploi
Instrucciones de manejo
Bedienungsanleitung
Gebruiksaanwijzing
Istruzioni per l'uso
Bruksanvisning
Brugsanvisning
Käyttöohje
Οδηγίες χρήσεως
Manual de utilização

PHILIPS

31453

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1 Remove fuse cover and fuse.

2 Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.

3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or ⏚) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

Dichiarazione di conformita'

Si dichiara che l'apparecchio MC155 Philips risponde alle prescrizioni dell'art. 2, comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven , il 30/5/1997

Philips Sound & Vision
Philips, Glaslaan 2, SFF 10
5616 JB Eindhoven, The Netherlands.

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

CLASS 1
LASER PRODUCT

Index

ENGLISH — **Page**

General Information 4
Preparations . . . . . 4 – 5
Remote Control / Controls . . . . . 6 – 8
Operating the System 9
Tuner . . . . . 10 – 11
Cassette Deck . . . . . 11 – 12
Compact Disc . . . . . 13 – 14
Clock / Timer Setting 15
Other Features 16
Maintenance / Specifications 16
Trouble Shooting Guide . . . . . 17 – 18

FRANÇAIS — **Page**

Généralités / Informations relatives à la sécurité 19
Opérations Préalables . . . . . 19 – 20
Télécommande / Commandes . . . . 21 – 23
Utilisation de L'appareil 24
Syntoniseur . . . . . 25 – 26
Platine Cassette . . . . . 26 – 27
Lecteur de Disques Compacts . . . . 28 – 29
Réglage de L'horloge / la Minuterie . . . 30
Autres Fonctions 31
Entretien / Caractéristiques Techniques 31
Remèdes en cas de panne . . . . . 32 – 33

ESPAÑOL — **Página**

Información General / de Seguridad . . . 34
Preparativos . . . . . 34 – 35
Mando a Distancia / Mandos . . . . 36 – 38
Funcionamiento del Sistema 39
Sintonizador . . . . . 40 – 41
Reproductor de Casete . . . . . 41 – 42
Reproductor de CD . . . . . 43 – 44
Ajuste del Reloj / Temporizador 45
Otras funciones 46
Mantenimiento / Especificaciones 46
Solución de Problemas . . . . . 47 – 48

Deutsch — **Seite**

Allgemeine Informationen / Sicherheitsinformationen 49
Vorbereitung . . . . . 49 – 50
Fernbedienung / Bedienelemente . 51 – 53
Bedienung des Systems 54
Tuner . . . . . 55 – 56
Cassettendeck . . . . . 56 – 57
Compact Disc . . . . . 58 – 59
Einstellen der Uhrzeit / des Timers 60
Weitere Leistungsmerkmale 61
Wartung und Pflege / Technische Daten . 61
Fehlersuche und-Behebung . . . . . 62 – 63

Nederlands — **Pagina**

Algemene Informatie / Veiligheidsvoorschriften 64
Voorbereidingen . . . . . 64 – 65
Afstandsbediening / Bedieningselementen . . . . . 66 – 68
Bediening 69
Tuner . . . . . 70 – 71
Cassettedeck . . . . . 71 – 72
CD Speler . . . . . 73 – 74
Klok / Tijdschakelaar 75
Overige Functies 76
Onderhoud / Specificaties 76
Verhelpen van Storingen . . . . . 77 – 78

Italiano — **Pagina**

Informazioni Generali / Sulla Sicurezza . 79
Preparativi . . . . . 79 – 80
Telecomando /Comandi . . . . . 81 – 83
Funzionamento del Sistema 84
Sintonizzatore . . . . . 85 – 86
Deck Cassetta . . . . . 86 – 87
Compact Disc . . . . . 88 – 89
Impostazione Dell'orologio / del Timer . 90
Altre Funzioni 91
Manutenzione / Specifiche 91
Guida All'individuazione Guasti . . . 92 – 93

Svenska — **Sida**

Allmänt / Säkerhetsinformation 94
Förberedelser . . . . . 94 – 95
Fjärrkontrollen / Kontroller . . . . . 96 – 98
Användning av Musiksystemet 99
Radion . . . . . 100 – 101
Kassettspelaren . . . . . 101 – 102
Compact Disc . . . . . 103 – 104
Klockinställning / Timerinställning 105
Diverse 106
Underhåll / Tekniska Data 106
Felsökning . . . . . 107 – 108

Dansk — **Side**

Generel Information / Sikkerhedsinformation 109
Forberedelser . . . . . 109 – 110
Fjernbetjeningen / Betjeningsknapper . . . . . 111 - 113
Betjening af Anlægget 114
Tuneren . . . . . 115 – 116
Kassettedeck . . . . . 116 – 117
CD-Afspiller . . . . . 118 – 119
Indstilling af Uret / Timerindstilling . . . 120
Andre Finesser 121
Vedligeholdelse / Specifikationer 121
Fejlsøgning . . . . . 122 – 123

Suomi — **Sivu**

Yleisohjeita / Turvaohjeita 124
Käyttöönotto . . . . . 124 – 125
Kauko-Ohjaimen / Painikkeet . . . 126 – 128
Laitteen Käyttö 129
Viritin . . . . . 130 – 131
Kasettidekki . . . . . 131 – 132
CD-Soitin . . . . . 133 – 134
Kellon Asetus / Ajastimen Asetus 135
Muita Toimintoja 136
Hoito / Tekniset Tiedot 136
Tarkistusluettelo . . . . . 137 – 138

Ελληνικά — ***σελίδα***

Γενικές πληροφορίες / Για την ασφάλειά σας 139
Προετοιμασία . . . . . 139 – 140
Τηλεχειριστήριο / Ρυθμιστικα/Πλήκτρα . . . . . 141 – 143
Λειτουργία του συστήματος micro 144
Ραδιόφωνο . . . . . 145 – 146
Κασετόφωνο . . . . . 146 – 147
CD Player . . . . . 148 – 149
Ρύθμιση του Ρολογιού / χρονοδιακόπτη 150
Άλλα χαρακτηριστικά 151
Συντήρηση / Τεχνικές Προδιαγραφές . . . 151
Οδηγός αντιμετώπισης προβλημάτων . . . . . 152 – 153

Português — **Página**

Informação Geral / de Segurança 154
Preparações . . . . . 154 – 155
Controlo Remoto / Controlos . . . 156 – 158
Funcionamento do Sistema 159
Sintonizador . . . . . 160 – 161
Deck de Cassetes . . . . . 161 – 162
Disco Compacto . . . . . 163 – 164
Acerto do Relógio / Regulação do Temporizador 165
Outras características 166
Manutenção / Especificações 166
Diagrama de Avarias . . . . . 167 – 168

English

General Information

- ***The typeplate (which contains the serial number) is located at the rear of the set.***
- ***Recording is permissible if copyright or other rights of third parties are not infringed.***
- ***This product complies with the radio interference requirements of the EU (European Union).***

Environmental Information

All unnecessary packaging material has been omitted. We have done our utmost to make the packaging easily separable into three mono-materials: cardboard (box), polystyrene foam (buffer) and polythene (bags, protective foam sheet).

Your set consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Safety Information

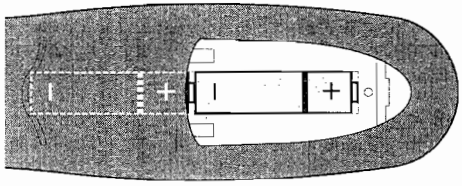
- Before operating the system, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) of your system is identical with the voltage of your local power supply. If not, please consult your dealer. The type plate is located at the rear of your system.
- When the system is switched on, do not move it around.
- Place the system on a solid base (e.g. a cabinet).
- Place the system in a location with adequate ventilation to prevent internal heat build-up in your system.
- Do not expose the system to excessive moisture, rain, sand or heat sources.
- Under no circumstances should you repair the unit yourself, as this will invalidate the warranty.
- If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the CD unit inside the system. Should this occur, the CD player will not operate normally. Leave the power on for about one hour with no disc in the unit until normal playback is possible.
- Electrostatic discharge may cause unexpected problems. See whether these problems disappear if you unplug the AC power cord and plug it in again after a few seconds.
- **To disconnect the system from the power supply completely, withdraw the AC power cord from the wall socket.**

Accessories (Supplied)

- Remote control
- Batteries (two AAA size) for remote control
- AM loop antenna
- FM antenna wire
- AC power cord

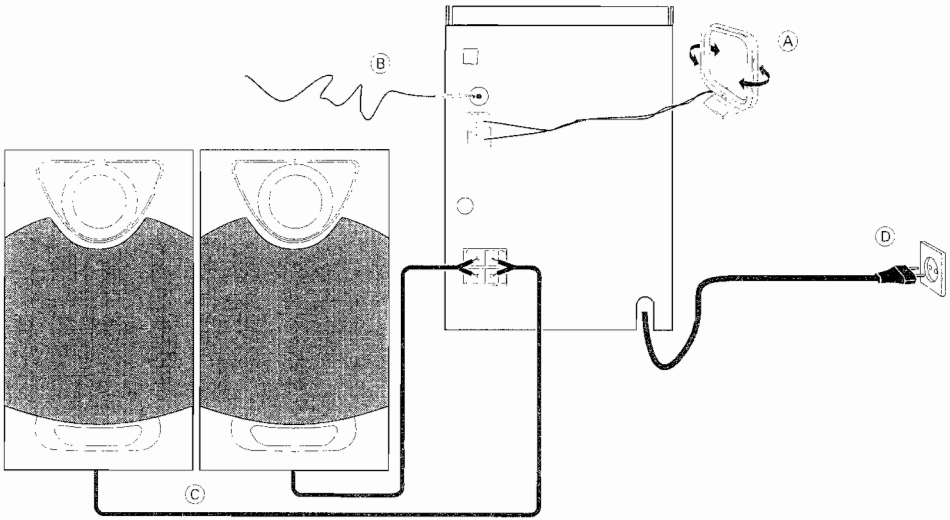
Inserting the batteries into the Remote Control

- Insert two batteries (Type R03 or AAA) into the remote control as shown inside the battery compartment.



- To avoid damage from possible battery leakage, remove dead batteries or batteries that will not be used for a long time. For replacement use type R03 or AAA batteries.

Rear Connection



Ⓐ AM Antenna Connection

Connect the supplied loop antenna to the AM AERIAL terminal. Adjust the position of the AM loop antenna for the best reception.

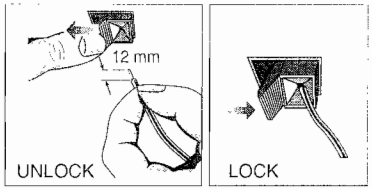
Ⓑ FM Wire Antenna Connection

Connect the supplied FM wire antenna to the FM 75 Ω terminal. Adjust the position of the FM antenna for the best reception.

Outdoor Antenna

For better FM stereo reception connect an outdoor FM antenna to the FM AERIAL 75 Ω terminal using a 75 Ω antenna wire.

Ⓒ Speaker Connections



- Connect the right speaker to terminal **R**, with the red (white/black) wire to + and the black wire to —.
- Connect the left speaker to terminal **L**, with the red (white/black) wire to + and the black wire to —.
- Clip the stripped portion of the wire as shown.

Ⓓ AC Power Supply

After all other connections have been made, connect the AC power cord to the wall outlet.

English

Remote Control Functions

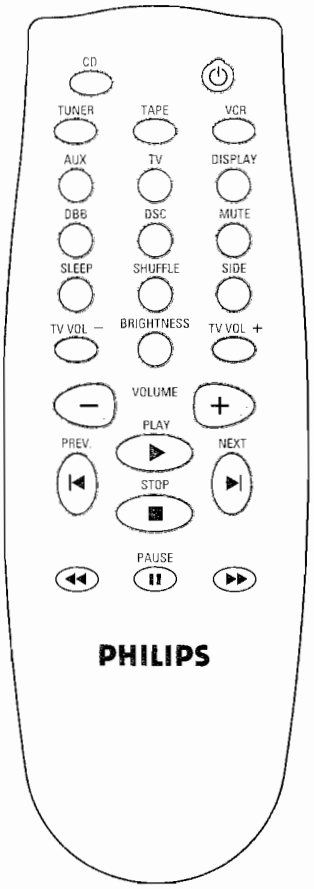
- First select the source you wish to control by pressing one of the source selection keys on the remote control (e.g. CD, TUNER or TAPE).
- Then select the desired function (PLAY, NEXT, etc.).

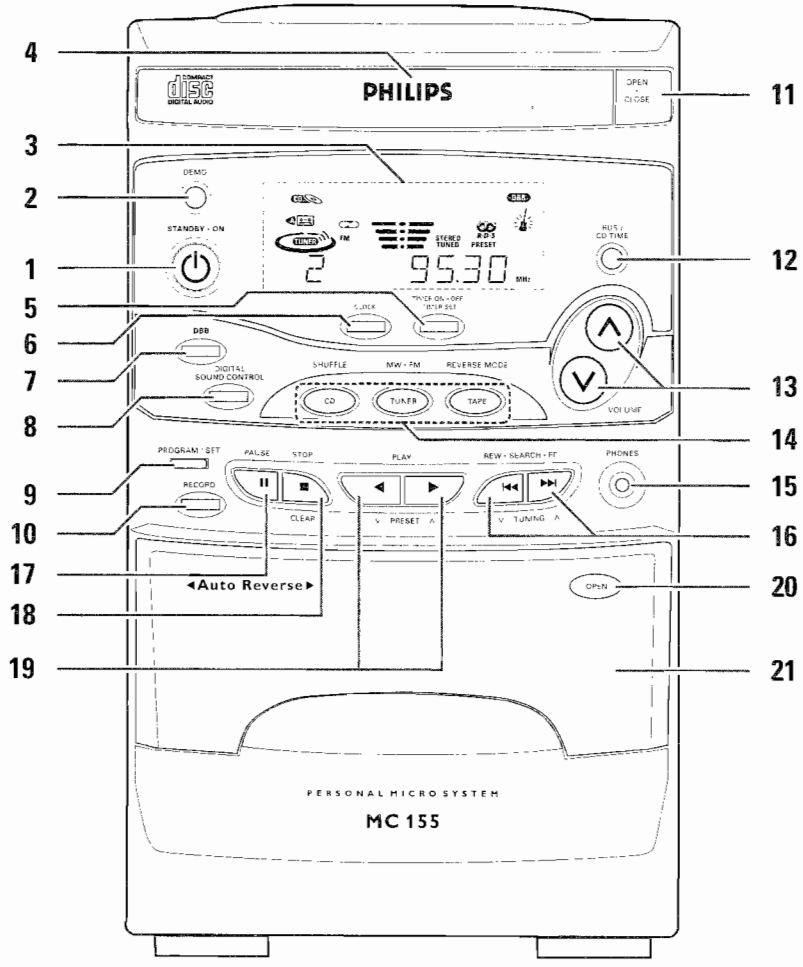
Note:

– *Whenever a remote control button is pressed, the red LED on the set will flicker. This indicates the remote control signal is received by the set.*

⏻ ..... to switch the unit to standby mode.
CD ..... to select CD mode.
TUNER ..... to select TUNER mode.
TAPE ..... to select TAPE mode.
VCR ..... to select VCR mode.
AUX ..... not functional for this model.
TV ..... to select TV mode.
DISPLAY ..... to display CD time or RDS infomation.
DBB ..... to switch on or off dynamic bass boost.
DSC ..... to select digital sound control: OPTIMAL, JAZZ, CLASSIC, ROCK or POP.
MUTE ..... to switch off the sound temporarily
SLEEP ..... to switch the set to standby mode automatically at a preset time.
SHUFFLE ..... to play CD tracks at random.
SIDE ..... to select side A or B in TAPE mode.
BRIGHTNESS ... not functional for this model.
TV VOLUME +/– ...to adjust the TV (RC 5 code) volume.
VOLUME +/– ...to adjust the volume.
PLAY ▶ ..... to start playback in CD or TAPE mode.
STOP ■ ..... to stop playback in CD or TAPE mode.

⏮ PREV./NEXT ⏭
for TUNER ..... to select a lower/higher tuner preset station.
for CD ..... to select previous/next CD track.
for TV/VCR .... to select previous/next channel.
PAUSE ⏸ ..... to interrupt play in CD or TAPE mode.
◀◀ / ▶▶
for TUNER ..... to select a lower/higher frequency.
for CD ..... to search for a particular passage.
for TAPE ..... to fast rewind/forward the cassette.





Front View

1 **STANDBY•ON**
- to switch the set on or to standby mode.

2 **DEMO**
- to display the various features offered by the system.

3 **DISPLAY**
- to display the current setting of the set.

4 **CD TRAY**
- to place CD in here.

5 **TIMER ON•OFF / TIMER SET**
- to set the timer and to switch the timer on or off.

6 **CLOCK**
- to display and set the clock.

7 **DYNAMIC BASS BOOST (DBB)**
- to switch on bass boost to enhance bass response or to switch off bass boost.

8 **DIGITAL SOUND CONTROL (DSC)**
- to select the desired sound effect: OPTIMAL, JAZZ, CLASSIC, ROCK and POP.

9 **PROGRAM / SET**
- to program CD tracks in CD mode.
- to program preset stations manually.

10 **RECORD**
- to start recording on tape deck.

11 **OPEN•CLOSE**
- to open or close the CD tray.

12 **RDS / CD TIME**

for CD ..... to display the current play time, current track remain play time and total remaining play time, in turn.

for TUNER ..... to select RDS data in the following order : station name, program type, radio text and frequency.

English

13 VOLUME
– to adjust the volume level.

14 SOURCE : to select the following:
CD /SHUFFLE
– to switch to CD mode. When in CD mode; to play all the tracks in random order.
TUNER/BAND
– to switch to TUNER mode. When in tuner mode; to select the waveband: FM or MW
TAPE/REVERSE MODE
– to switch to TAPE mode. When in TAPE mode; to select the different play mode.

15 PHONES
– headphones jack.

16 ⏮ SEARCH ⏭
for CD ..... to skip to the beginning of the current or previous/next track or to search backward/forward.
⏮ ⏭ (∨ TUNING ∧)
for TUNER ..... to tune to a lower or higher radio frequency.
(REW) ⏮ ⏭ (FF)
for TAPE ..... to rewind or fast forward the cassette.

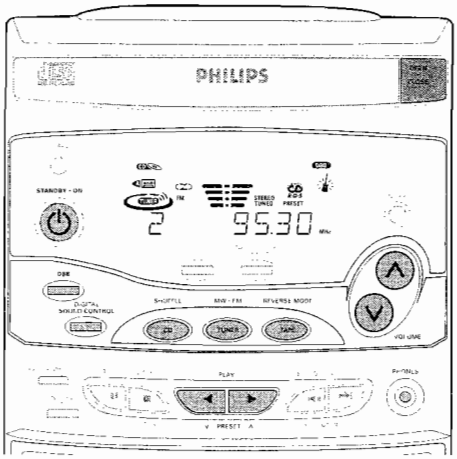
17 PAUSE ⏸
for CD ..... to interrupt or resume CD play.
for TAPE ..... to interrupt playback or recording.

18 STOP ■ (CLEAR)
for CD ..... to stop CD play or to clear a program.
for TAPE ..... to stop playback or recording.

19 PLAY ▶
for CD ..... to start playback.
◀ ▶(∨ PRESET ∧)
for TUNER ..... to select a preset radio station in memory.
◀ PLAY ▶
for TAPE ..... to select and play tape side A or B.

20 OPEN
– to open the cassette compartment.

21 CASSETTE DECK



Important:
Before you begin operating the system, complete the preparation procedures. The set is in the standby mode when the mains plug is connected to the wall socket and "0:00" flashes on the display.

Switching the system ON

- Press **STANDBY•ON**, **CD**, **TUNER** or **TAPE** on the set. (or **CD**, **TUNER** or **TAPE** on the remote control).

You can also switch on the system directly by pressing the **PRESET** (or press **VOLUME** + or − on the remote con for TUNER mode; **OPEN•CLOSE** button or **PLAY** ▶ for CD mode or **PLAY** ◀ ▶ for TAPE mode.

Switching the system to standby mode

- Press **STANDBY•ON** again (or ⏻ on the remote control).

Selecting the Sound Source

- Press either **CD**, **TUNER** or **TAPE** on the set or on the remote control.
  → The display indicates the selected sound source.

Volume Adjustment

Press **VOLUME** ∧ or ∨ (or press **VOLUME** + or − on the remote control) to increase or decrease the sound level.

For Personal Listening
Connect the headphones to the **PHONES** socket at the front of the set. The speakers will be muted.

Digital Sound Control (DSC)

- Press **DSC** on the set or remote control to select the desired special sound effect : **JAZZ** ( ), **CLASSIC** ( ), **ROCK** ( ), **POP** ( ) or **OPTIMAL**.
  → The respective sound flag lights up except for OPTIMAL setting.
  → The DSC button changes to green except for OPTIMAL setting.

Dynamic Bass Boost (DBB)

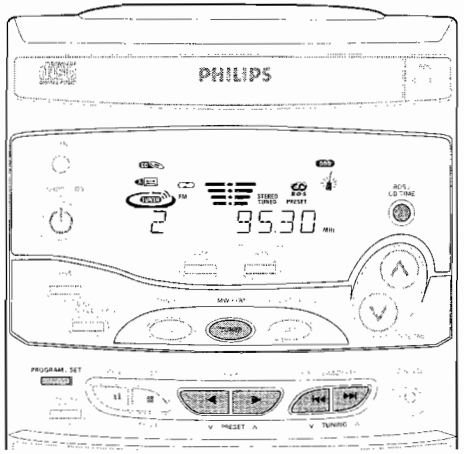
- Press **DBB** on the set or remote control to enhance the bass response.
  → The DBB flag (DBB) lights up and the DBB button changes to red colour.

Demo mode

The system has a demonstration mode that shows the various features offered by the system.

- Press **DEMO** to switch on the demonstration.
  → The display will show "HELLO WELCOME TO THE AUDIO WORLD" and followed by the various features.
- Press **DEMO** again or **STANDBY•ON** to stop the demonstration mode.
  → "GOODBYE" is displayed and the set returns to standby mode.

English



Tuning to radio stations

1 Press **TUNER** on the set or remote control to select TUNER mode.
2 Press **TUNER** (MW•FM) (or **TUNER** on the remote control) again to select the desired waveband: MW or FM.
3 Press **TUNING** ∧ or ∨ (◀◀ or ▶▶ on the remote control) for more than one second.
→ The display will search the frequency until a station with sufficient signal strength is found.
→ The STEREO TUNED or TUNED flag will lights up.

- Repeat this procedure until the desired station is reached.
- To tune to a weak station, briefly press **TUNING** ∧ or ∨ (◀◀ or ▶▶ on the remote control) until the display shows the right frequency and/or when the best reception has been obtained.

Storing Preset Stations

You can store up to 20 stations in the FM Band and 10 stations in the AM Band in the memory. When a preset station is selected, the preset number appears next to the frequency on the display.

You can only do manual programming in this set

1 Press **TUNER** on the set or remote control to select TUNER mode.
2 Press **TUNER** (MW•FM) again to select the desired waveband: MW or FM.
3 Press **TUNING** ∧ or ∨ for more than one second to tune to the desired frequency.
4 Press **PROGRAM/SET** for less than 1 second.
→ The PRESET flag flashes on the display.
5 Press **PRESET** ∧ or ∨ to select a preset number.
→ The preset number flashes on the display.
6 Press **PROGRAM/SET** again.
→ The station and the preset number are stored and STORED is displayed.

- Repeat the above procedure to store other preset stations.

Note:

– *When a power interruption occurs, the preset stations memory will remains for at least one hour before it is erased.*

Tuning to Preset Stations

- Press **PRESET** ∧ or ∨ (or **PREV** |◀ or **NEXT** ▶| on the remote control) to select the desired preset number.
→ The preset number, frequency and waveband appear on the display.

Receiving RDS radio station

RDS (Radio Data System) is a broadcasting service that allows FM stations to send additional information along with the regular FM radio signal. This additional information can contain:

- **STATION NAME :** The station name is displayed.
- **PROGRAM TYPE :** The following program types exist and can be received by your tuner: News, Affairs, Info, Sport, Educate, Drama, Culture, Science, Varied, Pop M, Rock M, M.O.R. (middle of the road music), Light M, Classics, Other M, No type.
- **RADIO TEXT (RT) :** text messages appear in the display.
- **FREQUENCY :** The frequency of the station is displayed.

When you have tuned to a RDS station, the RDS logo ( ) and the station name will appear on the display:

- The display normally shows the radio station name if available.
By repeatedly pressing **RDS/CD TIME** (or **DISPLAY** on the remote control) you can change the type of display information:
→ The display shows in turn:
STATION NAME → PROGRAM TYPE → RADIO TEXT → FREQUENCY → STATION NAME ...

Note:

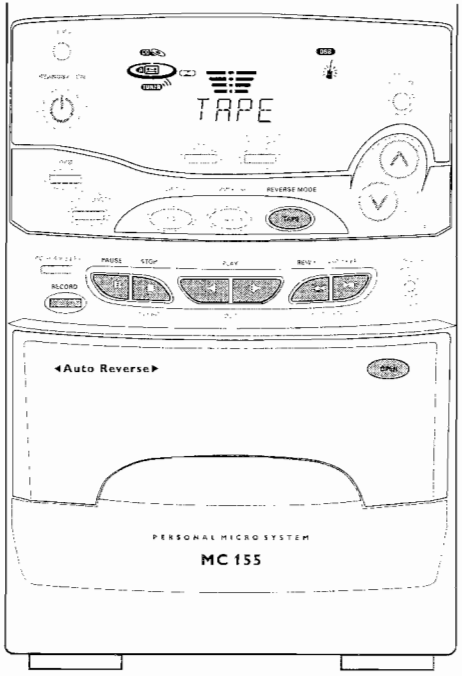
– *When you press the RDS/CD TIME button and the display shows "NO PS", it indicates that either the tuned station is not transmitting RDS signal or it is a non RDS station.*

RDS Clock

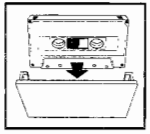
Some RDS station may be transmitting a real time clock at an interval of every minute.

If you have not set your clock setting (i.e. "0:00" is flashing); when the RDS station transmits the real time clock; the current RDS clock time will be stored automatically.

If you have set your clock before; when RDS clock time is being transmitted; the set will not replaced the current time with the transmitted RDS time.



Loading a cassette



- Press **OPEN**.
- The cassette compartment door opens.
- Load the cassette with the open side downward and the full spool to the left.
- Close the cassette compartment door.
  → The deck automatically selects the tape type (NORMAL or CHROME (CrO_2)).

Tape Playback

1 Press **TAPE** on the set or on the remote control to select TAPE mode.
2 Load the cassette into the **tape deck**.
3 Press **PLAY** ▶ on the set or remote control to start playback on side A.
→ "SIDE A PLAY" scrolls across the display.
- Press **PLAY** ◀ (or first press **SIDE** then press **PLAY** ▶ on the remote control) to start playback on side B.
→ "SIDE B PLAY" scrolls across the display.

4 Press **STOP** ■ on the set or remote control to end playback.
→ "STOP" scrolls across the display.

Fast Forward/Rewinding

1 You can rewind or fast forward the cassette by pressing ⏮ or ⏭ (◀◀ or ▶▶ on the remote control) when the cassette is at the stop mode.
→ " ⋘ or ⋙ " scrolls across the display depending on which button is pressed.
→ The cassette will stop automatically at the end of the rewinding or fast forward.
2 Press **STOP** ■ to stop fast forwarding or rewinding.
→ "STOP" scrolls across the display.

Fast Forward/Rewinding during playback

- Press and hold **SEARCH** ⏮ or ⏭ (◀◀ or ▶▶ on the remote control) until the desired passage is located. Play returns to normal when **SEARCH** ⏮ or ⏭ is released.

English

English

Continuous Playback

The **REVERSE MODE** (or **SIDE** on the remote control) enables you to select the different play modes.

- : recording or playback on one side of the cassette in the normal or reverse direction. The cassette stops at the end of one side.
- : recording or playback on both sides of the cassette; first in one direction and then in the reverse direction. The cassette then stops.
- : continuous playback on both sides of the cassette up to a maximum of 5 times per side until you press **STOP** ■.

Recording

1 Select **TUNER**.
2 Load a blank cassette into **tape deck**.
3 Press **RECORD** to start recording.
→ "RECORD" is displayed.
→ The RECORD flag is displayed.
- Press **PAUSE** ❚❚ on the set or remote control to interrupt the recording.
→ "PAUSE" is displayed.
- Press **PAUSE** ❚❚ again to resume the recording.
→ "RECORD" is displayed.

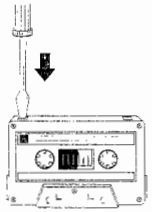
4 Press **STOP** ■ on the set or remote control to stop recording.
→ "STOP" scrolls across the display.

Notes:

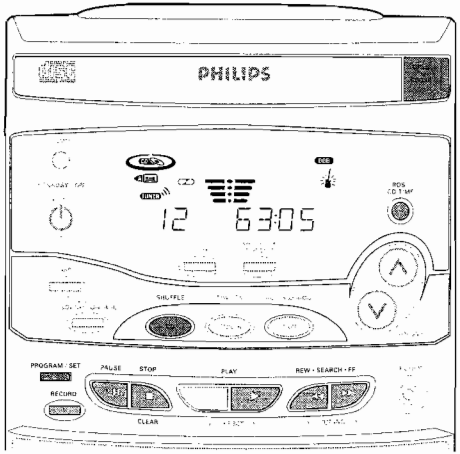
1. *Only or mode is available during recording.*
2. *For CD Synchro-start recording see Compact Disc section on CD Recording.*

General Information

- For recording, use only a cassette of IEC type I (normal cassette) or IEC type II (Chrome). The respective cassette type is detected automatically.
- The tape in the cassette is secured at both ends with leader tape. At the beginning and end of a cassette, nothing will be recorded for six to seven seconds.
- The recording level is set automatically, regardless of the position of VOLUME, DBB and DSC.
- Check and tighten slack tape with a pencil before use. Slack tape may get jammed or may burst in the mechanism.
- To prevent accidental recording, break out the tab on the left shoulder of the cassette side you want to protect.
- To re-record the cassette, cover each hole with cellophane tape. Do not cover the tape-type detection hole when covering the tab opening.



- C-120 tape is extremely thin and may be easily deformed or damaged. It is not recommended for use in this unit.
- Store the cassettes at room temperature and do not put them too close to a magnetic field (for example, transformers, TVs or speakers).



Warning!

1) This set is designed for conventional CDs. Do not use any accessories like disc stabilizer rings or CD treatment sheets, etc., which may damage the CD mechanism.
2) Do not load more than one disc into the tray.

In addition to the conventional 12-cm disc, 8-cm discs can be used without an adaptor .

Loading the CD

1 Press **CD** on the set or remote control to select CD mode.
2 Press **OPEN•CLOSE**.
→ The CD compartment slides out.
3 Load a disc with the ***printed side up***.
4 Press **OPEN•CLOSE** to close the CD compartment.
→ The total number of tracks and the playing time of the disc will appear on the display.

Playing a Disc

1 Press **PLAY ▶** on the set or remote control to start playback.
→ "CD PLAY" scrolls across the display.
→ The track number and elapsed playing time of the current track appear on the display.
- To interrupt play, press **PAUSE ❚❚** on the set or remote control.
→ "PAUSE" is displayed briefly.
→ The playing time flashes.
- To resume play, press **PAUSE ❚❚** again or **PLAY ▶** on the set or remote control.

2 To stop play, press **STOP ■** on the set or remote control.
→ "STOP" scrolls across the display.

Note:

– *The CD will play through once and then stop.*

Changing the display mode during play

You can change to a different type of time display when the CD is playing.

- Press **CD TIME** (or **DISPLAY** on the remote control) to cycle to the various time display modes.
→ The display will shows : ELAPSED PLAYING TIME OF THE CURRENT TRACK → REMAINING PLAYING TIME OF THE CURRENT TRACK → REMAINING PLAYING TIME OF CD → ...

Selecting a desired track

Selecting a desired track when playback is stopped

1 Press **|◀◀** or **▶▶|** (or **PREV |◀** or **NEXT ▶|** on the remote control) until the desired track appears on the display.
2 Press **PLAY ▶** on the set or remote control to start playback.
→ The selected track number and elapsed playing time appear on the display.

Selecting a desired track during playback

1 Press **|◀◀** or **▶▶|** (or **PREV |◀** or **NEXT ▶|** on the remote control) until the desired track appears on the display.
→ The selected track number and elapsed playing time appear on the display.
- If you press **|◀◀** once it will skip to the beginning of the current track and play the track again.

English

Searching for a particular passage during play

- Press and hold **SEARCH** ⏮◀◀ or ▶▶⏭ (or ◀◀ / ▶▶ on the remote control) until the desired passage is located. During the search, the sound is played faster than normal at a reduced volume. Play returns to normal when **SEARCH** ⏮◀◀ or ▶▶⏭ is released.

Shuffle

SHUFFLE – playing all the tracks in random order. It can also be used during program mode.

To shuffle all the tracks

1 Press **CD** (SHUFFLE), (or **SHUFFLE** on the remote control).
→ "SHUFFLE" scrolls across the display.
→ The SHUFFLE flag and the track selected at random appear on the display.
- The tracks will now be played in random order until you press **STOP** ■ or all the tracks have been played once.

2 Press **CD** (SHUFFLE) again to resume normal play.
→ The SHUFFLE flag disappears from the display.

Programming Tracks

Programming tracks of a loaded CD is possible when CD playback is stopped. The display will indicate the total tracks stored in the program. Up to 20 tracks can be stored in the memory in any order. When 20 tracks are stored and you attempt to store another track, the display will show "PROGRAM FULL."

1 Load the desired disc in the disc tray.
2 Press ⏮◀◀ or ▶▶⏭ (or **PREV** ⏮ or **NEXT** ⏭) on the remote control) to select the desired track.
3 Press **PROGRAM/SET** to store the track.
- Repeat steps **2** to **3** to store other tracks.

Playing the program

1 Press **PLAY** ▶ on the set or remote control to start program playback.
→ "PROGRAM PLAY" scrolls across the display.
→ The track number and elapsed playing time of the current track appear on the display.
2 Press **STOP** ■ on the set or remote control to stop program playback.

Erasing the program (when playback is stopped)

- Press **STOP** ■ on the set or remote control.
→ The last stored track is erased.
→ "CLEARED" appears on the display.
- Press and hold **STOP** ■ on the set or remote control for 2 seconds.
→ All the program tracks are erased.
→ "PROGRAM CLEARED" appears on the display.

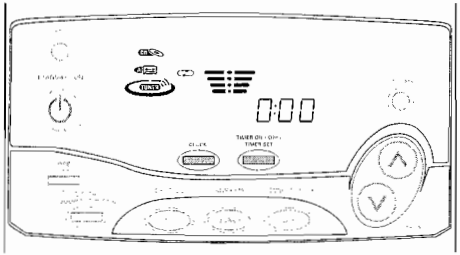
Note:

– *The program is also erased when the set is disconnected from the power supply or the CD tray is opened.*

CD Recording (ONE TOUCH RECORDING)

1 Press **CD** on the set or remote control to select CD mode.
2 Load a blank cassette into **tape deck**.
3 Load the desired disc in the disc tray.
4 Press **RECORD** to start recording.
→ "ONE TOUCH RECORDING" scrolls across the display.
→ The RECORD flag is displayed.
→ CD playback will begin automatically after skipping the leader tape portion at the beginning of the cassette.
- You can program the tracks in the order you want them to be recorded (see Programming Tracks).
→ "PROGRAM REC" appears on the display.

5 Press **STOP** ■ on the set or remote control to stop recording.



Setting the clock

The clock is in 24-hour mode, e.g. 0:00 or 23:59.

1 Press **STANDBY•ON** to switch on the set.
2 Press **CLOCK**.
→ The display will show "0:00" and "0" flashes.
3 Set the hour with ◄ or ►.
4 To set the minute, press ⏮ or ⏭.
→ The display will show "0:00" and "00" flashes.
5 Set the minute with ◄ or ►.
6 Press **CLOCK** again to store the setting.
→ The clock starts running.

Note:
– *When a power interruption occurs, the clock settings are erased.*

Setting the Timer

- **The timer will only activate when the set is in the standby mode. If the set is switched on, the timer function will not be activated.**
- The system can switch on to TUNER, CD, TAPE or REC TU mode automatically at a preset time. It can serve as an alarm to wake you up.
- Before setting the timer, make sure the clock is set correctly.
- The timer setting will remains active until it is resetted.
- **The volume of the timer will be at the last setting before the set is switched to standby mode**.

Timer Setting

1 Press **STANDBY•ON** to switch on the set.
2 Press **TIMER SET** and hold for 2 seconds.
→ The TIMER flag flashes.
3 Press ◄ or ► to select the desired source.
→ The display will switch as follows:
TUNER → CD → TAPE → REC TU → TUNER ...

If you select TUNER ...
- Select the desired waveband (MW or FM) first then press **PRESET** ∧ or ∨ to select the preset station.
- Then, continue with steps 4 to 8.

If you select CD ...
- Track 1 will be selected and play back automatically at the preset time.
- Then, continue with steps 4 to 8.

If you select TAPE ...
- The cassette will playback automatically at the preset time.
- Then, continue with steps 4 to 8.

If you select REC TU ...
- A blank cassette has to be insert into the cassette compartment.
- Press **PRESET** ∧ or ∨ to select the preset station to be recorded.
- Then, continue with steps 4 to 12.

4 Press **TIMER SET** to confirm your source selection.
→ "START" is displayed.
→ The display will show "0:00" and "0" flashes.
5 Press ◄ or ► to set the hour for the timer to start.
6 Press ⏮ or ⏭ to switch to the minute mode.
7 Press ◄ or ► to set the minutes for the timer to start.
8 Press **TIMER SET** to store the start time.
For REC TU mode, continue to adjust the stop time.
→ "STOP" is displayed.
→ The display will show "0:00" and "00" flashes.
9 Press ◄ or ► to set the hour for the timer to stop.
10 Press ⏮ or ⏭ to switch to the minute mode.
11 Press ◄ or ► to set the minutes for the timer to stop.
12 Press **TIMER SET** to store the stop time
→ The TIMER is now set.
→ The TIMER flag remains lit.

To stop the TIMER
- Press **TIMER ON•OFF** on the set.
→ The TIMER flag disappears from display.

To start the TIMER again
- Press **TIMER ON•OFF** on the set.
→ The TIMER flag light up.

Note:
– *The timer setting program will exit automatically after 10 seconds if there is no further action on the set.*

English

Mute

This feature allows you to temporarily switch off the sound of the system without switching off the set when you require a moment of silence.

- Press **MUTE** on the remote control to switch off the sound.
  → "MUTE" is displayed.
- Press **MUTE** again on the remote control to switch on the sound.

Sleep

This feature allows you to select a time after which the system will switch to the standby mode automatically.

- Press **SLEEP** on the remote control repeatedly to cycle through the sleep timer mode.
  → "SLEEP" and the SLEEP flag are displayed.
  → The timer for selection is as follows:
  120 MIN → 90 MIN → 60 MIN → 45 MIN → 30 MIN → 15 MIN → 5 MIN → OFF → 120 MIN ...
- Select the sleep time you desire.

When the sleep timer is switched on, to check the remaining time before the set switches to standby mode.

- Press **SLEEP** once.
  → The remaining time will scroll through the display.

To switch off the sleep timer mode

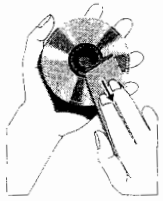
- Press **SLEEP** until "OFF" is displayed or ⏻.

Maintenance

Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

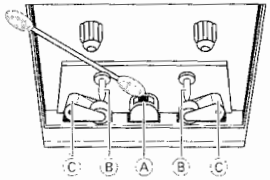
Cleaning Discs



- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or anti-static spray intended for analog records.

Cleaning the Heads and the Tape Paths

- To ensure good recording and playback quality, clean the head Ⓐ, the capstan(s) Ⓑ, and pressure roller(s) Ⓒ after every 50 hours of tape operation.



- Use a cotton swab slightly moistened with cleaning fluid or alcohol.

Demagnetizing the heads

- Use a demagnetizing cassette available at your dealer.

Specifications

AMPLIFIER

Output power	2 x 30 W MPO
	2 x 15 W RMS (< 10% THD, 4Ω, 1 kHz)
Power band width	20 - 20000 Hz
Frequency response	20 - 20000 Hz
Signal-to-noise ratio	≥ 80 dB (IEC)
Stereo separation	≥ 55 dB (1 kHz)
Loudspeakers	≥ 4 Ω
Headphones	32 Ω - 1000 Ω

TUNER

FM wave range	87.5 - 108 MHz
MW wave range	531 - 1602 kHz
Sensitivity at 75 Ω, 26 dB S/N ratio, FM mono	2.5 µV
FM Frequency response	63 - 15000 Hz (±3 dB)
Signal-to-noise ratio	≥ 54 dBA

CD PLAYER

Frequency range	20 - 20000 Hz
Signal-to-noise	≥ 80 dBA
Channel separation	≥ 60 dB
Total harmonic distortion	≤ 0.3%

CASSETTE DECK

Frequency range	
CrO_2 tape (type II) :	80 - 15000 Hz (±2 dB)
Normal tape (type I)	100 - 10000 Hz (±3 dB)
Signal-to-noise ratio (without DBB)	
CrO_2 tape (type II) :	≥ 50 dBA
Normal tape (type I)	≥ 45 dBA
Wow and flutter	≤ 0.25% DIN

MAIN UNIT

Material/finish	Metal and polystyrene
Dimensions (w x h x d)	160 x 273 x 295 (mm)
Weight	5 kg approx.

SPEAKER BOX

Dimensions (w x h x d)	160 x 270 x 290 (mm)
Weight	5 kg approx.
Speaker woofer	1 x 5.5 inch
Speaker tweeter	1 x 2 inch

Subject to modification

Warning! Under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.

- If a fault occurs, check the points listed below before taking the set for repair.
- Should any problems persist after you have made these checks, consult your nearest dealer or service center.

SYMPTOM	POSSIBLE CAUSE	REMEDY
RADIO RECEPTION		
The STEREO indicator flashes.	The signal is too weak.	Adjust the antenna.
Severe hum or noise.	The signal strength is too weak.	Adjust the antenna.
	The TV or VCR is too close to the stereo system.	Separate the stereo system from the TV or VCR.
		Connect an external antenna for better reception.
"NO PS" is displayed.	Station is not transmitting RDS.	Select another RDS station.
"NO PTY" is displayed.	Station is not transmitting program type.	Select another RDS station.
"NO TEXT" is displayed.	RDS text message is not available.	Select another RDS station.
CASSETTE DECK OPERATION		
Recording is not possible.	No cassette in the cassette deck.	Insert a blank cassette into the cassette deck.
	The protection tab has been broken.	Put a piece of clear adhesive tape over the opening.
Recording or playback cannot be made or there	Dirty tape heads.	See section on cassette deck maintenance.
is a decrease in audio level.	Magnetic build-up in the record/playback head.	Use demagnetizing cassette
Excessive wow or flutter, or sound drop-out.	Contamination of the capstans or pressure rollers.	See section on cassette deck maintenance.
CD PLAYER OPERATION		
"NO CD" is displayed.	The disc is inserted upside down.	Place CD with printed side up.
	Moisture condensation.	Wait until lens has adjusted to normal room temperature.
	There is no disc in the CD tray.	Insert a CD.
	The CD is dirty, badly scratched or warped.	Replace or clean the CD.

TROUBLESHOOTING GUIDE

English

GENERAL		
Set not working.	Set does not react when buttons are pressed.	Press STANDBY•ON to switch the unit off, then switch it on again. Or, unplug the AC power plug from the wall outlet, then plug it in again.
No or poor sound.	Volume is not turned up.	Adjust VOLUME.
	The headphones are connected.	Disconnect the headphones.
	Speakers are not connected or are connected wrongly.	Check that the speakers are connected correctly.
		Make sure that the stripped speaker wire is clamped.
Reversed left and right sound.	Speakers are connected wrongly.	Check the speaker connections and speaker location.
Lack of bass sound or apparently imprecise physical location of musical instruments.	Speakers are connected wrongly.	Check the speaker connection for proper phasing, red/black wires to red/black terminals.
Clock blinking.	There was a power disruption.	Reset the clock.
Remote control has no effect on the set.	The distance to the system is too large.	Reduce the distance.
	Batteries are inserted incorrectly.	Insert the batteries correctly.
	Batteries are exhausted.	Replace the batteries.
	Wrong sound source is selected.	Select the sound source before pressing the function button (PLAY, PREV./NEXT, etc.).
Timer not working.	Timer not switched on.	Press TIMER ON•OFF on the set to switch on the timer.
	Dubbing/recording is active.	Stop dubbing/recording.
"PRESS DEMO TO EXIT" is displayed.	Demo mode is switched on.	Press STANDBY•ON or DEMO to switch off the demo.

"Meet PHILIPS at the internet
http://www.philips.com"

MC 155

CE

4822 356 15565

88-00155-05A

TL-9766/22-11